

Practice A

For use with pages 72–77

Use a number line to find the sum of the numbers.

1. 3 and 5

2. -6 and 9

3. 0 and -4

4. -8 and 1

5. 7 and -3

6. -3 and 7

7. -2 and 2

8. -3 and -6

9. -4 and -1

Find the sum.

10. $4 + 3$

11. $-3 + (-5)$

12. $6 + (-2)$

13. $-5 + 11$

14. $-8 + 0$

15. $-16 + 7$

16. $-2 + 4 + 6$

17. $6 + (-10) + 1$

18. $-7 + (-4) + 2$

19. $-1 + (-4) + (-6)$

20. $6.8 + 7.6 + (-5.6)$

21. $-\frac{1}{5} + \frac{4}{5} + (-\frac{3}{5})$

Evaluate the expression for the given value of x .

22. $-9 + x, x = 6$

23. $5 + x, x = -5$

24. $4 + x + (-6), x = 4$

25. $-4 + x + 8, x = -2$

26. $x + (-2) + (-7), x = -8$

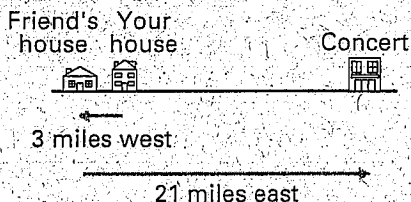
27. $-5 + x + 3, x = 7$

28. $-9 + x + (-9), x = 9$

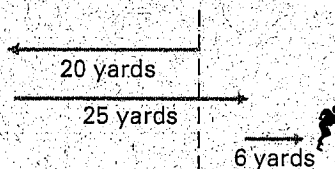
29. $-13 + x + (-10), x = 3$

30. $(-11) + (-6) + x, x = -1$

31. **Mileage** You are picking up a friend and going to a concert. Your friend lives 3 miles west of your house and the concert is 21 miles east of your friend's house. When you are at the concert, how far away from home are you?



32. **Denver Broncos** The Denver Broncos' quarterback was sacked and lost 20 yards on first down. On second down, a 25-yard pass was completed. On third down, the Broncos rushed for 6 yards. Did the Broncos get a first down (a gain of ten yards)? How many net yards did they gain?



33. **Three-hole Golf** You are playing 3-hole golf. On the first hole you score 1 under par, on the second hole you score 2 over par, and on the third hole you score 1 under par. What was your score for the game?

34. **Banking Accounts** The table at the right represents the deposits and withdrawals Sarah made to her savings account during the first half of the year. She started the year with \$200. Does she have more or less than \$200 at the end of June?

| Date | Deposit | Withdrawal |
|----------|---------|------------|
| Feb. 13 | \$150 | |
| April 12 | | \$125 |
| May 6 | \$25 | |